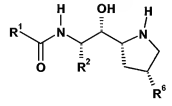
Amendments to the Claims

Claim 1. (Cancelled)

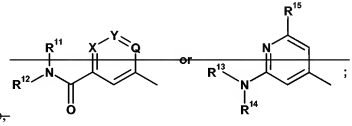
Claim 2 (Currently amended) A compound ~~of Claim 1~~ of Formula I(a):



I(a)

where:

R^1 is (C_3-C_7 cycloalkyl)$_{0-1}$(C_1-C_6 alkyl)~~, (C_3-C_7 cycloalkyl)$_{0-1}$ (C_2-C_6 alkenyl), (C_3-C_7 cycloalkyl)$_{0-1}$ (C_2-C_6 alkynyl) or C_3-C_7 cycloalkyl, each optionally substituted with up to three groups independently selected from halo, hydroxy, thiol, cyano, trifluoromethyl, trifluoromethoxy, C_1-C_6 alkoxy, C_3-C_7 cycloalkoxy, oxo, and NR^9R^{10}, hydrogen, biphenyl~~



~~substituted with halo,~~

~~X is CH, N, or N^+-O^-;~~

~~Y is CR^{16}, N, or N^+-O^-;~~

~~Q is CR^{12}, N, or N^+-O^-;~~

R^2 is ~~C_1-C_2 alkyl,~~ benzyl optionally mono- or difluorinated in the phenyl ring ~~monosubstituted in the phenyl ring with a substituent selected from the group consisting of halo, C_1-C_6 alkoxy optionally substituted in the alkyl chain with C_3-C_7 cycloalkyl, and C_1-C_6 alkylthio optionally substituted in the alkyl chain with C_3-C_7 cycloalkyl, or benzyl optionally disubstituted in the phenyl ring with a first substituent independently selected from halo and a second substituent independently selected from halo, C_1-C_6 alkoxy optionally substituted in the alkyl chain with C_3-C_7 cycloalkyl, and C_1-C_6 alkylthio optionally substituted in the alkyl chain with C_3-C_7 cycloalkyl;~~

R^6 is ~~fluoro, hydroxy, p-toluenesulfonyloxy,~~ R^{34}, ~~$-CH_2C(O)R^{35}$, or $-OC(O)NHR^{36}$; or R^5 and R^6 taken together form $=CHC(O)(C_1$-C_4 alkoxy);~~

~~R^9 is hydrogen, C_1-C_6 alkyl, or phenyl;~~

~~R^{10} is hydrogen, C_1-C_6 alkyl, phenyl, $C(O)(C_1$-C_6 alkyl), or $SO_2(C_1$-C_6 alkyl);~~

~~R^{11} and R^{12} are independently selected from the group consisting of methyl, ethyl, and propyl;~~

~~R^{13} is hydrogen or C_1-C_6 alkyl;~~

~~R^{14} is C_3-C_5 cycloalkyl, C_1-C_6 alkyl, or CH_2R^{18};~~

~~R^{15} is CF_2R^{19}, OR^{20}, $CH_2C(O)CH_3$, $S(O)_{1,2}R^{21}$, $NR^{22}SO_2R^{23}$, (C_1-C_3 alkoxy)carbonyl, phenyl optionally substituted with halo, 1,3-dioxolan-2-yl, 1,3-dioxan-2-yl, 1,1-dioxo-2,3,4,5-tetrahydroisothiazol-2-yl, or tetrazol-5-yl optionally substituted with C_1-C_2 alkyl;~~

~~R^{16} is hydrogen, chloro, isobutyl, CH_2R^{24}, CF_2R^{25}, 1,1,1-trifluoro-2-hydroxyeth-2-yl, C_2-C_4 alkenyl optionally substituted with one or two fluorine atoms, OR^{26}, $C(O)R^{27}$, N(methyl)(methylsulfonyl), N(methyl)(acetyl), pyrrolidin-2-on-1-yl, methylsulfonyl, N,N-dimethylaminosulfonyl, phenyl optionally substituted with one or two substituents selected from the group consisting of hydroxymethyl, methoxy, fluoro, and methylsulfonyl, 1,3-dioxolan-2-yl, 1,3-dithiolan-2-yl, 1,3-oxathiolan-2-yl, 1,3-dioxan-2-yl, 1,3-dithian-2-yl, pyridinyl, thiazolyl, oxazolyl, or 1,2,4-oxadiazolyl optionally substituted with methyl;~~

~~R^{17} is hydrogen or fluoro;~~

~~R^{18} is ethynyl or cyclopropyl;~~

~~R^{19} is hydrogen or methyl;~~

~~R^{20} is difluoromethyl or methanesulfonyl;~~

~~R^{21} is C_1-C_4 alkyl, C_3-C_6 cycloalkyl, phenyl, or $NR^{30}R^{31}$;~~

~~R^{22} is hydrogen, C_1-C_3 alkyl optionally substituted with up to 3 fluorine atoms, or C_3-C_6 cycloalkyl;~~

~~R^{23} is C_1-C_3 alkyl or C_3-C_6 cycloalkyl;~~

~~R^{24} is fluoro, hydroxy, or C_1-C_3 alkoxy;~~

~~R^{25} is hydrogen, phenyl, or furyl;~~

~~R^{26} is C_1-C_3 alkyl optionally substituted with one or two fluorine atoms;~~

~~R^{27} is C_1-C_3 alkyl, C_3-C_5 cycloalkyl, C_3-C_5 alkenyl, C_1-C_3 alkoxy, $NR^{28}R^{29}$, pyrrolidin-1-yl optionally substituted with methyl or one or two fluorine atoms, piperidin-1-yl, phenyl, pyridinyl, or furyl;~~

~~R^{28} is hydrogen or methyl;~~

~~R^{29} is methyl, ethyl, or propyl;~~

~~R^{30} is hydrogen or methyl;~~

~~R^{31} is methyl; or~~

~~R^{30} and R^{31} taken together with the nitrogen atom to which they are attached form a pyrrolidine or piperidine ring;~~

R^{32} is C_1-C_{10} alkyl optionally substituted with 1-6 fluorine atoms, oxo, or one or two hydroxy groups, C_2-C_6 alkenyl, or $-(CH_2)_{0-3}-R^{33}$;

R^{33} is C_3-C_7 cycloalkyl or phenyl each optionally substituted with one or two substitutents independently selected from the group consisting of halo, C_1-C_6 alkyl, C_1-C_6 alkoxy, hydroxy, trifluoromethyl, and trifluoromethoxy, or R^{33} is adamantyl;

R^{34} is ~~hydrogen, R^{32}, or~~ $-(CH_2)_{0-2}-OR^{32}$;

R^{35} is hydroxy, C_1-C_6 alkoxy, or $NR^{37}R^{38}$ where R^{37} and R^{38} are independently hydrogen or C_1-C_6 alkyl, or R^{37} and R^{38}, taken together with the nitrogen to which they are attached, form a piperidine ring optionally substituted with C_1-C_6 alkyl, a homopiperidine ring, a morpholine ring, or a pyrrolidine ring optionally substituted with (C_1-C_6 alkoxy)methyl;

~~R^{36} is C_1-C_6 alkyl or adamantyl;~~

or a pharmaceutically acceptable salt thereof~~; provided that: a) no more than one of X, Y, and Q may be N or N^+-O^-; and b) when X is CH, Y is CR^{16}, and Q is CR^{17}, then one of R^{16} and R^{17} is other than hydrogen~~.

Claims 3-7 (Cancelled)

Claim 8 (Currently amended): A pharmaceutical ~~formulation~~ composition comprising a compound of Claim ~~1~~2, in combination with a pharmaceutically acceptable carrier, diluent, or excipient.

Claims 9-10 (Cancelled)

Claim 11 (Currently amended) A method for the inhibition of production of A-β peptide comprising administering to a mammal in need of such treatment an effective amount of a compound of Claim ~~1~~2.

Claim 12 (Cancelled)

Claim 13 (New) A compound of Claim 2 where R^2 is benzyl.